

The apparent absence of *Isoetes* this year may be attributable to the earliness of the season.—BURTON N. GATES,
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TER, MASSACHUSETTS.

SOME NOTES ON THE FLORA OF SOUTHERN ILLINOIS.—While botanizing in southern Illinois during 1953 and the early part of 1954, several plants of unusual occurrence for the area were found. Some of these mark additions to the flora of Illinois while the remainder either are range extensions or new station records.

Unless otherwise stated, all specimens cited are on deposit in the herbarium of Southern Illinois University, Carbondale, Illinois.

ASPLENIUM BRADLEYI Eaton. This rare fern was found growing in crevices in a sandstone bluff. A frond from a large plant was found to have eighteen pairs of pinnae. COLLECTION DATA: crevice of sandstone bluff, along Piney Creek, one mile west of West Point, Randolph County; May 22, 1954. *Mohlenbrock and Voigt 2491*.

CAREX AQUATILIS Wahlenb. This species was found in a clump along a stream in Randolph County. COLLECTION DATA: along Piney Creek, one mile west of West Point, Illinois; April 24, 1954. *Mohlenbrock 2290*.

CAREX TORTA Boott. This recently discovered plant for Illinois has been recorded from several stations. COLLECTION DATA: clumped in a flowing stream, Dixon Springs State Park, Pope County; April 16, 1954. *Mohlenbrock 2057*. Along Rock Creek, four and one-half miles north of Cave-in-Rock, Hardin County; April 17, 1954. *Voigt and Mohlenbrock 2146*. Emerged in Piney Creek, one mile west of West Point, Randolph County; April 24, 1954. *Mohlenbrock 2322*.

JUNCUS DIFFUSISSIMUS Buckl. The diffuse rush, found in the adjacent states of Indiana and Missouri, was collected for the first time in Illinois along a roadside ditch. COLLECTION DATA: wet soil along country road, one-half mile south of Makanda, Giant City State Park, Jackson County; September 19, 1953. *Voigt and Mohlenbrock 1507*.

TRILLIUM RECURVATUM Beck, forma SHAYI Palmer & Steyerm. This yellow color-form is found at several sites in a rich mesic woodland at Lake Murphysboro. COLLECTION DATA: rich, mesic woods, Lake Murphysboro, Jackson County; April 23, 1954. *Mohlenbrock 2207*.

RANUNCULUS HARVEYI (Gray) Britt. This species was known previously from southern Missouri, Arkansas, and Alabama. COLLECTION DATA: dry rocky slopes along Piney Creek, one mile west of West Point, Illinois, Randolph County; April 24, 1954. *Mohlenbrock 2316*.

GEUM VIRGINIANUM L. The range of this species formerly extended westward to Indiana. It occurs only sparingly at Giant City State Park. COLLECTION DATA: dry woods, one-fourth mile northeast of the lodge, Giant City State Park, Union County; June 24, 1953. *Mohlenbrock 1594*.

CELASTRUS ORBICULATA Thunb. An escape from cultivation, this bittersweet has become established in Giant City State Park. COLLECTION DATA: wet woods, one-half mile south of county line, Giant City State Park, Union County; June 23, 1953. *Mohlenbrock 292*. Climbing on various trees, roadside, across from stonefort, Giant City State Park, Jackson County; May 10, 1954. *Mohlenbrock 2416*.

The stations for the following plants apparently are extensions of their ranges in Illinois.

CYPERUS LANCASTRIENSIS Porter. This species, first found in Illinois in Massac County in 1949 (*Evers 19952*),¹ was collected in Jackson County in 1953. COLLECTION DATA: moist meadow, near entrance, Giant City State Park, Jackson County; August 20, 1953. *Mohlenbrock 550*.

CYPERUS SCHWEINITZII Torr. Stream bed, Giant City State Park, Jackson County; October 23, 1953. *Mohlenbrock 715*.

CAREX HALEANA Olney. Dry ground in open woods, Giant City State Park, Jackson County; May 15, 1954. *Mohlenbrock 629*.

ROSA BLANDA Ait. Roadside, shaded, Giant City State Park, Union County; May 15, 1954. *Mohlenbrock 66*.

EUPHORBIA OBTUSATA Pursh. Foot of limestone talus slope, Pine Hills, Union County; May 2, 1954. *Mohlenbrock 2417*.

RHUS TYPHINA L. Rich moist woods, Giant City State Park, Jackson County; September 20, 1953. *Mohlenbrock 221*.

HYPERICUM DENTICULATUM Walt. A new station has been found for this species making the second for it in Illinois. It was first collected in Hardin County in 1949 (*Bailey & Swaine 1683*). COLLECTION DATA: wet, shaded woods, Giant City State Park, Jackson County; August 9, 1953. *Mohlenbrock 515*.

CHAEROPHYLLUM TAINTURIERI Hook. Wet soil along State Highway 3, two miles northeast of Gorham, Jackson County; May 14, 1954. *Mohlenbrock and Weber 2668*.

HEDEOMA HISPIDA Pursh. Dry woodland, Giant City State Park, Jackson County; August 25, 1953. *Mohlenbrock 784*.

VIBURNUM LENTAGO L. Edge of woods, Giant City State Park, Jackson County; April 30, 1953. *Mohlenbrock 641*.

BIDENS POLYLEPIS Blake. Wet roadside ditch, Giant City State Park, Jackson County; October 9, 1954. *Mohlenbrock 323*.

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¹ The specimen of *Cyperus lancastris* Porter (*Evers 19952*) is on deposit in the Illinois Natural History Survey Herbarium, Urbana, Illinois.